

## **FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT**

### **ABSTRACT OF THE DISCLOSURE**

Field programmable mixed-signal integrated circuit. A reconfigurable processor system includes a processor core is provided that operates on a set of instructions to carry out predefined processes. A plurality of input/output pins are provided for interfacing with external signals. A reconfigurable interface interfaces between the processor core and the input/output pins. The reconfigurable interface is operable to define how each of the plurality of input/output pins interfaces with the processor core and the functionality associated therewith